Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	"750,012" or "907,302"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/20 10:34
L2	3	("7002965").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 10:41
S1	1456	(711/5,216).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/19 16:16
S2	24087	search with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:27
S3	1206963	router or network or lookup	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:27
S4	109	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:28
S5	100	(key near3 mask) and ((key or mask) near3 hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:34
S6	1	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:29

			<del>                                     </del>	1		
S7	3	09/107,039	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 12:35
S8	1456	(711/5,216).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 12:53
S9	24087	search with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 12:53
S10	109	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S11	2100	key and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:40
S12	258	S11 and (S9 or S8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S13	100	(key near3 mask) and ((key or mask) near3 hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S14	237	S12 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 15:44

<u> </u>			<del></del>	- <u>-</u> -	T	2006/67/12
S16	7001	router and ((search or lookup or address) near2 table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:37
S17	2105	key and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:37
S18	317	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:39
S19	4404	(365/230.02,230.03).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:39
S20	8277	(707/3,6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:40
S21	4449	(370/392,395.31,395.32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:40
S22	2709	(key or address or tag) and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:06
S23	1	S19 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:06

		<del></del>	<u></u>			<del></del>
S24	70	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:53
S25	22	kao-sophia.in. or malalur-govind.in. or yang-brian.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:21
S26	21	("5121495"   "5202985"   "5418947"   "5594899"   "5787430"   "5819291"   "5857196"   "5893086"   "5918225"   "5946679"   "6012061"   "6047286"   "6266706"   "6404752"   "6460120").PN. OR ("6675163").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/07/18 16:29
S27	110	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:54
S29	4	(("20060080499") or ("6625592")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/19 16:26
S30	12	(("6470472") or ("5530834") or ("5229994") or ("5083265") or ("5537603") or ("4933937")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 09:06
S31	·4	tsuchida-masashi.in. and sato-kazuhiro.in. and omachi-kazuhiko.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/20 10:33

File	347:JAPIO	Dec 1976-2005/Dec(Updated 060404) 06 JPO & JAPIO
File	350:Derwen	t WPIX 1963-2006/UD=200645 06 The Thomson Corp.
Set S1		Description MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM R SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO - EDO OR CACHE? ?
S2	9067429 SL GI	
<b>s</b> 3	25311 HA C	HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR - VAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR HECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR C OR MESSAGE()INTEGRITY()(CHECK OR CODE)
<b>S4</b>	4031 UR	S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED- E? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER- ION? ?)
<b>S</b> 5	601048 O UM	
<b>s</b> 6	513182	(SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR)(5W)(S4 S2)
<b>S</b> 7	40	(SHAR??? OR COMMON)(7N)S4
S8	650904	(ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA-
50		NT OR INDIVIDUAL OR SPECIFIC) (5W) (S4 OR S2)
s9	0	(("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)S4
s10	423102	
s11	28	S10 AND S4 AND S5:S7 AND S8
<b>S12</b>	28	IDPAT (sorted in duplicate/non-duplicate order)

```
8:Ei Compendex(R) 1970-2006/Jul W2
File
           (c) 2006 Elsevier Eng.
                                         Info. Inc.
       35:Dissertation Abs Online 1861-2006/Jun
File
           (c) 2006 ProQuest Info&Learning
       65:Inside Conferences 1993-2006/Jul 19 (c) 2006 BLDSC all rts. reserv.
File
         2:INSPEC 1898-2006/Jul W2
File
           (c) 2006 Institution of Electrical Engineers
       94: JICST-EPlus 1985-2006/Apr w3
File
           (c)2006 Japan Science and Tech Corp(JST)
         6:NTIS 1964-2006/Jul W2
File
           (c) 2006 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2006/Jun W4
           (c) 2006 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
       (c) 2006 The Thomson Corp
34:SciSearch(R) Cited Ref Sci 1990-2006/Jul W2
            (c) 2006 The Thomson Corp
File
       99:Wilson Appl. Sci & Tech Abs 1983-2006/Jun
           (c) 2006 The HW Wilson Co.
File 266:FEDRIP 2005/Dec
           Comp & dist by NTIS, Intl Copyright All Rights Res
       95:TEME-Technology & Management 1989-2006/Jul W3
           (c) 2006 FIZ TECHNIK
                    Description
Set
          Items
        987556
                    MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM
S1
                 OR SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO -
                OR EDO OR CACHE? ?
                    LOCATION? ? OR ADDRESS OR ADDRESSES OR ENTRY OR ENTRIES OR
S2
      20393781
                SLOT? ? OR FIELD? ? OR PORTION? ? OR CELL? ? OR AREA? ? OR REGION? ? OR ELEMENT? ? OR UNIT? ? OR BLOCK? ? OR BANK? ? OR BU-
                HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR - HAVAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR CHECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR
S3
        163835
                MIC OR MESSAGE()INTEGRITY()(CHECK OR CODE)
54
          14079
                    S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED-
                URE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER-
                ATION? ?)
                    (ANY OR MULTIPLE OR MULTIPLICITY OR SEVERAL OR MORE OR MANY
S5
       1208290
                OR PLURAL? OR DUAL? OR VARIOUS OR DIFFERENT OR SEPARATE OR N-
UMEROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR A-
DDITIONAL OR DIVERS??? OR PAIR? ? OR ALTERNAT???)(5W)(S4 OR S-
                2)
       1040031
S6
                    (SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR)(5W)(S4
                OR S2)
            194
                    (SHAR??? OR COMMON) (7N) $4
S7
S8
        809290
                    (ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA-
                NENT OR INDIVIDUAL OR SPECIFIC OR INDEPENDENT)(5W)(S4 OR S2)
(("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)S4
s9
                    $1(5N) S2
S10
          99259
              24
S11
                    S10 AND S4 AND S5:S7 AND S8
                         (unique items)
S12
                    RD
S13
              12
                    S12 NOT PY=2004:2006
```

```
File 348: EUROPEAN PATENTS 1978-2006/ 200628
           (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060713,UT=20060706
           (c) 2006 WIPO/Univentio
Set
         Items
                   Description
        438021
                   MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM
S1
                 OR SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO -
                OR EDO OR CACHE? ?
S2
       2119128
                   LOCATION? ? OR ADDRESS OR ADDRESSES OR ENTRY OR ENTRIES OR
                SLOT? ? OR FIELD? ? OR PORTION? ? OR CELL? ? OR AREA? ? OR REGION? ? OR ELEMENT? ? OR UNIT? ? OR BLOCK? ? OR BANK? ? OR BU-
                CKET? ?
                   HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR -
S3
        101828
                HAVAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR
                 CHECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR
                MIC OR MESSAGE()INTEGRITY()(CHECK OR CODE)

S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED-
URE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER-
ATION? ?)
S4
S5
        872711
                    (ANY OR MULTIPLE OR MULTIPLICITY OR SEVERAL OR MORE OR MANY
                 OR PLURAL? OR DUAL? OR VARIOUS OR DIFFERENT OR SEPARATE OR N-
                UMEROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR A-
                DDITIONAL OR DIVERS??? OR PAIR? ? OR ALTERNAT???)(5W)(S4 OR S-
S6
        655816
                    (SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR) (5W) (S4
                OR S2)
            208
                    (SHAR??? OR COMMON) (7N) 54
S7
        835163
S8
                    (ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA-
               NENT OR INDIVIDUAL OR SPECIFIC OR INDEPENDENT) (5W) (S4 OR S2)
                    (("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)S4
S9
S10
        167377
                   $1(5N)$2
S11
            313
                   $10(50N)$4(50N)$5:$7(50N)$8:$9
S12
            184
                    (S1 OR S3)/TI,AB AND S11
S13
             44
                   S1/TI,AB AND S3/TI,AB AND S11
S14
             24
                   S13 AND AC=US/PR AND AY=(1978:2003)/PR
             24
                   S13 AND AC=US AND AY=1978:2003
S15
S16
             24
                   S13 AND AC=US AND AY=(1978:2003)/PR
             33
                   S13 AND PY=1978:2003
S17
             36
s18
                   S14:S17
               DPAT (sorted in duplicate/non-duplicate order)

HASH???(1w)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCEDURE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPERATION? ? OR LOGIC)
S19
             36
           5979
520
                   $10(50N)$20(50N)$5:$7(50N)$8:$9
S21
            229
                   S21 NOT S13
S22
            207
                    (S1 OR S20)/TI,AB AND S22 (MODE? ? OR ARRANGEMENT? ? OR CATEGOR??? OR TYPE? ? OR LAY-
S24
            108
S25
        176757
               OUT? ? OR SCHEME? ?)(10N)S5:S7
? (MODE? ? OR ARRANGEMENT? ? OR CATEGOR??? OR TYPE? ? OR LAY-
OUT? ? OR SCHEME? ?)(10N)S8:S9
S26
        105082
S27
                   $10(50N)$20(50N)$25(50N)$26
s28
             15
                   S27 NOT S13
                   IDPAT (sorted in duplicate/non-duplicate order)
S29
```